

What Is Claimed Is:

3 1. A method for reliable delivery of datagram
4 protocol data unit (PDU) packets generated by a network
5 oriented application at a first computing network element
6 to a second computing network element across a network, a
7 datagram packet typically comprising a data payload, said
8 method comprising:

9 (a) at said first computing network element,
10 capturing said generated datagram packets destined for
11 said second computing network element;

12 (b) determining a size of said payload and
13 communicating size of said payload to said second
14 computing element via reliable connection-oriented
15 transport service PDU;

16 (c) communicating payload to said second
17 computing element via reliable connection-oriented
18 transport service PDU; and,

19 (d) at said second computing network element,
20 utilizing payload size and payload to reconstruct a
21 datagram PDU including said payload for a network
22 application at said second computing network element,
23 whereby reliable datagram PDU transport over said network
24 is ensured.